

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/016323

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> G09G3/20, 3/36, G02F1/133

According to International Patent Classification (IPC) or to both national classification and IPC.

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> G09G3/20, 3/36, G02F1/133

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005

Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2-303283 A (Casio Computer Co., Ltd.), 17 December, 1990 (17.12.90), Page 3, upper left column, line 2 to upper right column, line 6; Fig. 1 (Family: none)	1-4 5-6
Y	JP 2003-44009 A (Sanyo Electric Co., Ltd.), 14 February, 2003 (14.02.03), Par. No. [0022]; Fig. 3 & EP 1280127 A2 & US 2003/0030607 A1 & CN 1400577 A	5-6
X	JP 2002-196722 A (Seiko Epson Corp.), 12 July, 2002 (12.07.02), Par. Nos. [0073], [0077] (Family: none)	1, 7-8

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

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"E" earlier application or patent but published on or after the international filing date

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&amp;" document member of the same patent family

Date of the actual completion of the international search  
12 January, 2005 (12.01.05)Date of mailing of the international search report  
25 January, 2005 (25.01.05)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

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